

# Improving the Size Selectivity for Northern Shrimp - Kelo Pinkham, Dan Schick, Les White, Final Report to NEC, 2006

Overall Rank (from table 35)	Gear Abbrev.	Description
1	5/16" DNG	Double Nordmore grate with 1" bar spacing in the first grate and 5/16" bar spacing in the second grate.
2	7/16 DS	The Nordmore grate was mounted upside down in the net so the small bar spacing was at the top and the large bar spacing was at the bottom of the net with the escape hole. The upper edge of the cod end is attached to the grate at the juncture between the small bar spaces and the large bar spaces. ½ of the grate was spaced 7/16" apart and this portion of the grate was tipped about 10 degrees more toward the front of the net. The other ½ of the grate was ¾" apart. 1¼" Diamond mesh lengthening piece and 1¼" square mesh cod end.
3	3/8" DNG	Double Nordmore grate with 1" bar spacing in the first grate and 3/8" bar spacing in the second grate.
4	7/16" DNG	Double Nordmore grate with 1" bar spacing in the first grate and 7/16" bar spacing in the second grate.
5	7/16 DD	The Nordmore grate was mounted upside down in the net so the small bar spacing was at the top and the large bar spacing was at the bottom of the net with the escape hole. The upper edge of the cod end is attached to the grate at the juncture between the small bar spaces and the large bar spaces. ½ of the grate was spaced 7/16" apart and this portion of the grate was tipped about 10 degrees more toward the front of the net. The other ½ of the grate was ¾" apart. 1¼" Diamond mesh lengthening piece and 1¼" diamond mesh cod end.
6	1/4" DNG	Double Nordmore grate with 1" bar spacing in the first grate and 1/4" bar spacing in the second grate.
7	Tap DD	The Nordmore grate was mounted upside down in the net so the small bar spacing was at the top and the large bar spacing was at the bottom of the net with the escape hole. The upper edge of the cod end is attached to the grate at the juncture between the small bar spaces and the large bar spaces. ½ of the grate was tapered bar spacing increasing from 5/16" to ½" front to back and this portion of the grate was tipped about 10 degrees more toward the front of the net. The other ½ of the grate was ¾" apart. 1¼" Diamond mesh lengthening piece and 1¼" diamond mesh cod end.
8	Tap SD	The Nordmore grate was mounted upside down in the net so the small bar spacing was at the top and the large bar spacing was at the bottom of the net with the escape hole. The upper edge of the cod end is attached to the grate at the juncture between the small bar spaces and the large bar spaces. ½ of the grate was tapered bar spacing increasing from 5/16" to ½" front to back and this portion of the grate was tipped about 10 degrees more toward the front of the net. The other ½ of the grate was ¾" apart. 1¼" Square mesh lengthening piece and 1¼" diamond mesh cod end.
9	7/16 SS	The Nordmore grate was mounted upside down in the net so the small bar spacing was at the top and the large bar spacing was at the bottom of the net with the escape hole. The upper edge of the cod end is attached to the grate at the juncture between the small bar spaces and the large bar spaces. ½ of the grate was spaced 7/16" apart and this portion of the grate was tipped about 10 degrees more toward the front of the net. The other ½ of the grate was ¾" apart. 1¼" Square mesh lengthening piece and 1¼" square mesh cod end.
10	Tap DS	The Nordmore grate was mounted upside down in the net so the small bar spacing was at the top and the large bar spacing was at the bottom of the net with the escape hole. The upper edge of the cod end is attached to the grate at the juncture between the small bar spaces and the large bar spaces. ½ of the grate was tapered bar spacing increasing from 5/16" to ½" front to back and this portion of the grate was tipped about 10 degrees more toward the front of the net. The other ½ of the grate was ¾" apart. 1¼" Diamond mesh lengthening piece and 1¼" square mesh cod end.
11	1/4 Length	The Nordmore grate was mounted upside down in the net so the small bar spacing was at the top and the large bar spacing was at the bottom of the net with the escape hole. The upper edge of the cod end is attached to the grate at the juncture between the small bar spaces and the large bar spaces. 10" of the 40" grate were spaced 7/16" apart and the other 30" were ¾" apart. 1¼" Diamond mesh lengthening piece and cod end.
12	1/2 Length	The Nordmore grate was mounted upside down in the net so the small bar spacing was at the top and the large bar spacing was at the bottom of the net with the escape hole. The upper edge of the cod end is attached to the grate at the juncture between the small bar spaces and the large bar spaces. 20" of the 40" grate were spaced 7/16" apart and the other 20" were ¾" apart. 1¼" Diamond mesh lengthening piece and cod end.
13	Tap SS	The Nordmore grate was mounted upside down in the net so the small bar spacing was at the top and the large bar spacing was at the bottom of the net with the escape hole. The upper edge of the cod end is attached to the grate at the juncture between the small bar spaces and the large bar spaces. ½ of the grate was tapered bar spacing increasing from 5/16" to ½" front to back and this portion of the grate was tipped about 10 degrees more toward the front of the net. The other ½ of the grate was ¾" apart. 1¼" Square mesh lengthening piece and 1¼" square mesh cod end.
14	7/16 SD	The Nordmore grate was mounted upside down in the net so the small bar spacing was at the top and the large bar spacing was at the bottom of the net with the escape hole. The upper edge of the cod end is attached to the grate at the juncture between the small bar spaces and the large bar spaces. ½ of the grate was spaced 7/16" apart and this portion of the grate was tipped about 10 degrees more toward the front of the net. The other ½ of the grate was ¾" apart. 1¼" Square mesh lengthening piece and 1¼" diamond mesh cod end.
15	1/2" DNG	Double Nordmore grate with 1" bar spacing in the first grate and ½" bar spacing in the second grate.